

Converting Colors

`RYB(191, 172, 187)`

Have a look what the booklet for
RYB(191, 172, 187) contains.

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Color

R_YB(191, 172, 187)

Conversions

Conversions Part 1

Format	Color
Hex	BFACBB
RGB	191, 172, 187
RGB Percent	75%, 67%, 73%
CMY	0.2510, 0.3255, 0.2667
CMYK	0.00, 0.10, 0.02, 0.25
HSL	313°, 13%, 71%
HSV	313°, 10%, 75%
XYZ	45.2080, 44.1693, 53.1565
YIQ	179.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

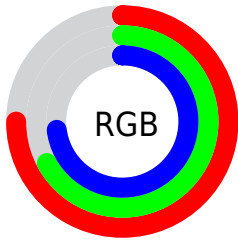
Format	Color
R _Y B	191, 172, 187
Decimal	12561595
CIE Lab	72.34, 9.52, -5.17
CIE LCh	72, 10.828, 331.491
Yxy	44.1693, 0.3172, 0.3099
Android (android.graphics.Color)	4290751675 (0xFFBFACBB)
YUV	179.3910, 3.7512, 10.1811
Hunter-Lab	66.4600, 5.1160, -0.8998

Details

The RYB color **191, 172, 187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172, 188, 191**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **247, 227, 243**, and **138, 120, 134** is the 20% darker color. If you saturate the color by 10%, you get **191, 153, 183**, and if you desaturate by 10%, it is **191, 191, 191**.

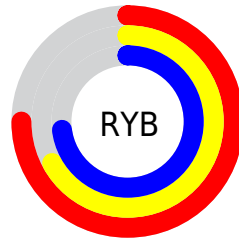
Distribution



Red (75%)

Green (67%)

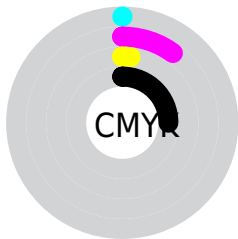
Blue (73%)



Red (75%)

Yellow (67%)

Blue (73%)

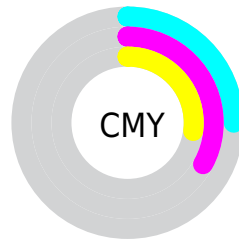


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 191, 172, 187 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 191, 172, 187 by changing the saturation by 10% instead.

 191, 172, 187

255, 255, 255

 247, 227, 243

 191, 172, 187

 164, 145, 160

 138, 120, 134

 112, 95, 109

 88, 71, 84


 64, 49, 61


 42, 28, 39


 23, 2, 19


 0, 0, 0


 191, 172, 187


 191, 172, 187


 191, 153, 183


 191, 191, 191


 191, 134, 179


 191, 207, 210

 191, 115, 175


 191, 222, 229


 191, 96, 171


 191, 238, 248


 191, 77, 167


 191, 242, 255


 191, 57, 163


 191, 240, 255


 191, 38, 159

 191, 238, 255

 191, 19, 155

 191, 236, 255

 191, 0, 151

 191, 234, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180, 175, 194



191, 172, 187



198, 171, 177

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191, 172, 187



169, 185, 158



153, 169, 187

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



191, 172, 187



172, 188, 191

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



155, 170, 183



191, 172, 187



160, 180, 166

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



191, 172, 187



194, 184, 160



163, 178, 182



157, 172, 194

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191, 172, 187



199, 171, 171



163, 178, 182



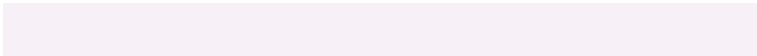
153, 168, 184

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



191, 172, 187



247, 240, 246



176, 172, 191



125, 120, 124



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 172, 187



247, 218, 241



191, 172, 178



94, 85, 92



158, 0, 125



31, 0, 24

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



191, 172, 187



247, 218, 241



172, 183, 191



94, 85, 92



158, 0, 125



31, 0, 24

Previews

White Background



This preview shows how the RYB color 191, 172, 187 looks on a white background.

Color Contrast Check

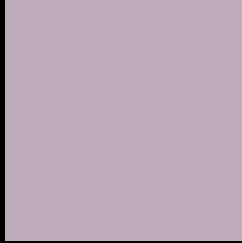
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 191, 172, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

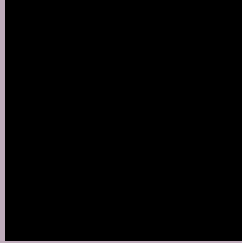
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 191, 172, 187 Background



This preview shows how black text looks on a background with the R Y B color 191, 172, 187.



This preview shows how white text looks on a background with the R Y B color 191, 172, 187.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
191, 172, 187

Protanopia
177, 176, 190

Deuteranopia
190, 172, 187



Tritanopia
191, 172, 186

Trichromacy



Original Color

191, 172, 187

Protanomaly

182, 175, 189

Deuteranomaly

190, 172, 187

Tritanomaly

191, 172, 186

Monochromacy



Original Color

191, 172, 187

Achromatopsia

179, 179, 179

Achromatomaly

183, 176, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 172, 187 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 187) }
```

Border

The CSS property to change the border of an element to RYB 191, 172, 187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 172, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 172, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 172, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 172, 187); box-shadow:4px 4px 4px 4px rgb(191, 172, 187) }
```

Background

The CSS property to change the background color of an element to RYB 191, 172, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
172, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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